Record List Display Page 1 of 7

## **Hit List**

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### **Search Results -** Record(s) 1 through 10 of 18 returned.

1. Document ID: WO 2005019525 A1

L26: Entry 1 of 18 File: DWPI Mar 3, 2005

DERWENT-ACC-NO: 2005-196295

DERWENT-WEEK: 200520

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TITLE: Braided fiber rope for offshore applications or for tugboats or mooring lines, comprises core having low-friction surface and being insignificant with

regard to tensile load bearing function, while resisting crushing of rope

INVENTOR: ALLIOT, V; FRAZER, I ; LONGERICH, R S ; NYE, R E

PRIORITY-DATA: 2003US-498034P (August 26, 2003)

PATENT-FAMILY:

 PUB-NO
 PUB-DATE
 LANGUAGE
 PAGES
 MAIN-IPC

 WO 2005019525 A1
 March 3, 2005
 E
 028
 D07B001/02

INT-CL (IPC): D04 C 1/12; D07 B 1/02; D07 B 1/16

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#### 2. Document ID: AU 2003275776 A1, WO 2004042059 A1

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L26: Entry 2 of 18

File: DWPI Jun 7, 2004

DERWENT-ACC-NO: 2004-411519

DERWENT-WEEK: 200469

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TITLE: Constructing synthetic polynucleotide for modulating the quality of a

selected phenotype displayed by an organism comprises replacing a first codon with

a synonymous codon to construct the synthetic polynucleotide

INVENTOR: FRAZER, I H

PRIORITY-DATA: 2002US-425163P (November 8, 2002)

PATENT-FAMILY:

 PUB-NO
 PUB-DATE
 LANGUAGE
 PAGES
 MAIN-IPC

 AU 2003275776 A1
 June 7, 2004
 000
 C12N015/11

 WO 2004042059 A1
 May 21, 2004
 E
 086
 C12N015/11

Record List Display Page 2 of 7

INT-CL (IPC):  $\underline{\text{C12}} \ \underline{\text{N}} \ \underline{15/11}; \ \underline{\text{C12}} \ \underline{\text{N}} \ \underline{15/12}; \ \underline{\text{C12}} \ \underline{\text{N}} \ \underline{15/29}; \ \underline{\text{C12}} \ \underline{\text{N}} \ \underline{15/66}; \ \underline{\text{C12}} \ \underline{\text{Q}} \ \underline{1/68}$ 

Full Title Citation Front Review Classification Date Reference

### 3. Document ID: AU 2003258388 A1, WO 2004024915 A1

L26: Entry 3 of 18 File: DWPI Apr 30, 2004

DERWENT-ACC-NO: 2004-270043

DERWENT-WEEK: 200462

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TITLE: Constructing a synthetic polynucleotide, useful for producing a polypeptide at a higher level in a Chinese Hamster Ovary cell, comprises selecting a first codon of the parent polynucleotide for replacement with a synonymous codon

INVENTOR: FRAZER, I H

PRIORITY-DATA: 2002US-410410P (September 13, 2002)

PATENT-FAMILY:

 PUB-NO
 PUB-DATE
 LANGUAGE
 PAGES
 MAIN-IPC

 AU 2003258388 A1
 April 30, 2004
 000
 C12N015/10

 WO 2004024915 A1
 March 25, 2004
 E
 082
 C12N015/10

INT-CL (IPC):  $\underline{\text{C12}}$   $\underline{\text{N}}$   $\underline{15/10}$ ;  $\underline{\text{C12}}$   $\underline{\text{N}}$   $\underline{15/11}$ ;  $\underline{\text{C12}}$   $\underline{\text{N}}$   $\underline{15/18}$ ;  $\underline{\text{C12}}$   $\underline{\text{N}}$   $\underline{15/28}$ ;  $\underline{\text{C12}}$   $\underline{\text{N}}$   $\underline{15/37}$ 

Full	Title	Citation	Frent	Review	Classification	Date	Reference	Claims	KMC	Draw, De

## 4. Document ID: BR 200303346 A, WO 2003074413 A1, NO 200304932 A, AU 2003209460 A1

L26: Entry 4 of 18 File: DWPI Aug 10, 2004

DERWENT-ACC-NO: 2003-680102

DERWENT-WEEK: 200455

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TITLE: Deployment apparatus for hoisting articles, has continuous track tensioner to grip fiber rope such that rope entering tensioner is not under substantial load

INVENTOR: ALLIOT, V; BURSAUX, G A ;  $\underline{FRAZER}$ ,  $\underline{I}$  ; VENNEMANN, O ; WILLIS, S K ; ALLIOT, V M G

PRIORITY-DATA: 2002GB-0005252 (March 6, 2002)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
BR 200303346 A	August 10, 2004		000	B66D003/00
WO 2003074413 A1	September 12, 2003	E	023	B66D003/00
NO 200304932 A	January 5, 2004		000	B66D003/00
AU 2003209460 A1	September 16, 2003		000	B66D003/00

INT-CL (IPC): <u>B63</u> <u>B</u> <u>21/16</u>; <u>B66</u> <u>D</u> <u>3/00</u>

Full Title Citation Front Review Classification Date Reference

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# 5. Document ID: US 20040241177 A1, WO 200283181 A1, EP 1390074 A1, AU 2002248978 A1

L26: Entry 5 of 18

File: DWPI

Dec 2, 2004

DERWENT-ACC-NO: 2003-075509

DERWENT-WEEK: 200481

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TITLE: New compositions having antigens, polynucleotides encoding the antigens, or

antigen-presenting cells, useful for modulating an immune response, e.g. for

treating or preventing pathogenic infections or rheumatoid arthritis

INVENTOR: FRAZER, I H

PRIORITY-DATA: 2001AU-0004468 (April 18, 2001)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 20040241177 A1	December 2, 2004		000	A61K048/00
WO 200283181 A1	October 24, 2002	E	139	A61K048/00
EP 1390074 A1	February 25, 2004	Ε .	000	A61K048/00
AU 2002248978 A1	October 28, 2002		000	A61K048/00

INT-CL (IPC):  $\underline{A61}$  K  $\underline{39/00}$ ;  $\underline{A61}$  K  $\underline{39/245}$ ;  $\underline{A61}$  K  $\underline{48/00}$ ;  $\underline{C07}$  K  $\underline{19/00}$ ;  $\underline{C12}$  N  $\underline{5/06}$ ;  $\underline{C12}$  N  $\underline{15/62}$ 

Full Title Citation Front F	Review Classification Date Reference	e Claims KMC Draw Be

6. Document ID: US 6846671 B2, WO 200042215 A1, AU 200024235 A, EP 1141383 A1, JP 2002534133 W, US 6489141 B1, US 20030031999 A1, US 20030175907 A1, US 20030182674 A1, NZ 512589 A, AU 773213 B2

L26: Entry 6 of 18

File: DWPI

Jan 25, 2005

DERWENT-ACC-NO: 2000-499118

DERWENT-WEEK: 200508

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 ${\tt TITLE:}$  Determining translational efficiency of codons in cells, comprising introducing synthetic constructs with reporter genes fused in frame to tandem

repeats of the codon, and measuring expression

INVENTOR: FRAZER, I H; ZHOU, J; SUN, X Y

PRIORITY-DATA: 1999AU-0008078 (January 8, 1999), 1997AU-0007765 (July 9, 1997),

1997AU-0009467 (September 11, 1997)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 6846671 B2	January 25, 2005		000	C12N005/10
WO 200042215 A1	July 20, 2000	E	190	C12Q001/68
AU 200024235 A	August 1, 2000		000	C12Q001/68
EP 1141383 A1	October 10, 2001	E	000	C12Q001/68
JP 2002534133 W	October 15, 2002		186	C12N015/09
<u>US 6489141 B1</u>	December 3, 2002		000	C12N015/64
US 20030031999 A1	February 13, 2003		000	C12Q001/00
US 20030175907 A1	September 18, 2003		000	C12Q001/68
US 20030182674 A1	September 25, 2003		000	A01K067/27
NZ 512589 A	February 27, 2004		000	C12Q001/68
<u>AU 773213 B2</u>	May 20, 2004		000	C12Q001/68

INT-CL (IPC): A01 K 67/27; C12 N 1/00; C12 N 1/15; C12 N 1/19; C12 N 1/21; C12 N 5/06; C12 N 5/10; C12 N 15/09; C12 N 15/52; C12 N 15/62; C12 N 15/63; C12 N 15/64; C12 N 15/66; C12 N 15/85; C12 N 15/87; C12 P 19/34; C12 Q 1/00; C12 Q 1/02; C12 Q 1/68

1	Full	Title	Citation	Front	Review	Classification	Date	Reference	<b>€</b> Claims	KNOOC Drawn De	

7. Document ID: US 20020157135 A1, WO 200042190 A1, AU 200024234 A, EP 1141302 A1

L26: Entry 7 of 18 .

File: DWPI

Oct 24, 2002

DERWENT-ACC-NO: 2000-499116

DERWENT-WEEK: 200273

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TITLE: Constructing synthetic polynucleotide for targeting expression of gene to particular cells or tissues, involves substituting one or more codons of parent

polynucleotide encoding protein with a synonymous codon

INVENTOR: BOTELLA MESA, J R; FRAZER, I H ; ZHOU, J ; SUN, X Y

PRIORITY-DATA: 1999AU-0008077 (January 8, 1999)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 20020157135 A1	October 24, 2002		000	A01H001/00
WO 200042190 A1	July 20, 2000	E	106	C12N015/29
AU 200024234 A	August 1, 2000		000	C12N015/29
EP 1141302 A1	October 10, 2001	E	000	C12N015/29

INT-CL (IPC): A01  $\underline{H}$  1/00; C12  $\underline{N}$  15/29; C12  $\underline{N}$  15/87

Full Title Citation Front	Review Classification Date	Reference Claims KMC Draw De

8. Document ID: US 6867033 B1, WO 200035478 A1, AU 200022674 A, ZA 9907638 A, EP 1144005 A1, KR 2001103711 A, JP 2002532434 W, AU 762114 B, NZ 512850 A

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L26: Entry 8 of 18 File: DWPI Mar 15, 2005

DERWENT-ACC-NO: 2000-431501

DERWENT-WEEK: 200520

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TITLE: Treating papillomavirus (PV) infection and immunizing against human (H) PV11 and HPV6 infections comprises administrating PV L1, L1/L2, HPV6 and HPV11 virus-

like particles

INVENTOR: FRAZER, I; ZHOU, J; SUN, X Y

PRIORITY-DATA: 1998AU-0007653 (December 11, 1998)

#### PATENT-FAMILY:

PUB-NO .	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 6867033 B1	March 15, 2005		. 000	C12N007/00
WO 200035478 A1	June 22, 2000	E	042	A61K039/12
AU 200022674 A	July 3, 2000		000	
ZA 9907638 A	September 27, 2000		042	A61K000/00
EP 1144005 A1	October 17, 2001	E	000	A61K039/12
KR 2001103711 A	November 23, 2001		000	A61K039/12
JP 2002532434 W	October 2, 2002		041	A61K039/23
AU 762114 B	June 19, 2003		000	A61K039/12
NZ 512850 A	January 30, 2004		000	A61K039/12

INT-CL .(IPC): A61 K 0/00; A61 K 39/12; A61 K 39/23; A61 P 31/12; A61 P 31/20; C12 N 7/00; C12 N 15/09; C12 P 21/06

1	Full	Title	Citation	Front	Review	Classification	Date	Reference		Claims	KWWC	Отама Ок

9. Document ID: DE 69824738 T2, WO 9909294 A1, AU 9887200 A, NO 200000696 A, EP 1005603 A1, BR 9811607 A, JP 2001521077 W, AU 743368 B, US 6394192 B1, NO 316531 B1, EP 1005603 B1, DE 69824738 E

L26: Entry 9 of 18

File: DWPI

May 19, 2005

DERWENT-ACC-NO: 1999-181108

DERWENT-WEEK: 200535

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TITLE: Seabed piston coring for taking samples from the seabed using a remotely

controlled drill lowered from a ship

INVENTOR: FRAZER, H I; FRAZER, I

PRIORITY-DATA: 1997AU-0008571 (August 15, 1997)

#### PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
DE 69824738 T2	May 19, 2005		000	E21B025/18
WO 9909294 A1	February 25, 1999	E	050	E21B025/18
AU 9887200 A	March 8, 1999		000	

Record List Display Page 6 of 7

NO 200000696 A	April 5, 2000	•	000	E21B000/00
EP 1005603 A1	June 7, 2000	E	000	E21B025/18
BR 9811607 A	September 12, 2000		000	E21B025/18
JP 2001521077 W	November 6, 2001		052	E21B025/18
AU 743368 B	January 24, 2002		000	E21B025/18
US 6394192 B1	May 28, 2002		000	E21B025/18
NO 316531 B1	February 2, 2004		000	E21B025/18
EP 1005603 B1	June 23, 2004	E	000	E21B025/18
DE 69824738 E	July 29, 2004		000	E21B025/18

INT-CL (IPC): E21 B 0/00; E21 B 25/00; E21 B 25/18

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	,	10	Daguman	in. He	20020102	671 A 1	WO OO	02604 4 1	ATT 00010	000 A ET	1000	2001
	3	10.	Document	LID: US.	20030182	0/4 A1,	WO 99	02094 A1,	AU 90019	799 A, EF	100	2091
	A 1	IP 20	01509388 V	<b>W AU 74</b>	7522 B I	JS 64891	41 B1	US 20030	175907 A1			

File: DWPI

Sep 25, 2003

DERWENT-ACC-NO: 1999-120895

L26: Entry 10 of 18

DERWENT-WEEK: 200364

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TITLE: Synthetic nucleic acid with at least one codon replaced by a synonym - for

producing viral particles and in gene therapy

INVENTOR: FRAZER, I; ZHOU, J; FRAZER, I H; SUN, X Y

PRIORITY-DATA: 1997AU-0009467 (September 11, 1997), 1997AU-0007765 (July 9, 1997),

1999AU-0008078 (January 8, 1999)

#### PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 20030182674 A1	September 25, 2003		000	A01K067/27
WO 9902694 A1	January 21, 1999	E	129	C12N015/37
AU 9881999 A	February 8, 1999		000	
EP 1002091 A1	May 24, 2000	E	000	
JP 2001509388 W	July 24, 2001		146 .	C12N015/09
AU 747522 B	May 16, 2002		000	C12N015/37
<u>US 6489141 B1</u>	December 3, 2002		000	C12N015/64
US 20030175907 A1	September 18, 2003		000	C12Q001/68

INT-CL (IPC): A01 K 67/27; A61 K 35/76; A61 K 48/00; A61 P 35/00; A61 P 43/00; C07 K 14/025; C12 N 5/06; C12 N 5/10; C12 N 7/00; C12 N 15/09; C12 N 15/37; C12 N 15/63; C12 N 15/64; C12 N 15/66; C12 N 15/85; C12 N 15/87; C12 P 19/34; C12 Q 1/68

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	DB=US	SPT; PLUR=YES; OP=ADJ	
	L45	US-6867033-B1.did.	1
	L44	US-6867033-B1.did.	1
	L43	US-6867033-B1.did.	1
	L42	US-6867033-B1.did.	1
	L41	US-6846671-B2.did.	1
	L40	US-6846671-B2.did.	1
	L39	US-6846671-B2.did.	1
	L38	US-6867033-B1.did.	1
	L37	US-6096869-A.did.	1
	DB=D	WPI; PLUR=YES; OP=ADJ	
	L36	Greer C.in. and virus	8
<b></b>	L35	HPV 6 and HPV16	1
	L34	HPV 6 and HPV-16	4
	L33	HPV 6a and HPV-16	0
	L32	HPV6a and HPV-16	0
	L31	Greer C.in. and virus	8
	L30	Greer C.in.	36
	L29	BUONAMASSA D T.in.	1
	DB=PC	GPB; PLUR=YES; OP=ADJ	
	L28	BUONAMASSA DANIELA TORNESE.in.	0
	L27	Greer Catherine.in.	3
	DB=DI	WPI; PLUR=YES; OP=ADJ	
$\Box$	L26	Frazer I.in.	18
	DB=PC	GPB; PLUR=YES; OP=ADJ	
	L25	20020051968	1
	DB=US	SPT; PLUR=YES; OP=ADJ	
	L24	Salimi.xp. and papillomavirus	89
	L23	HPV-6a	6
		GPB; PLUR=YES; OP=ADJ	
	L22	HPV-6a	4
	L21	two types and HPV 16.clm.	6

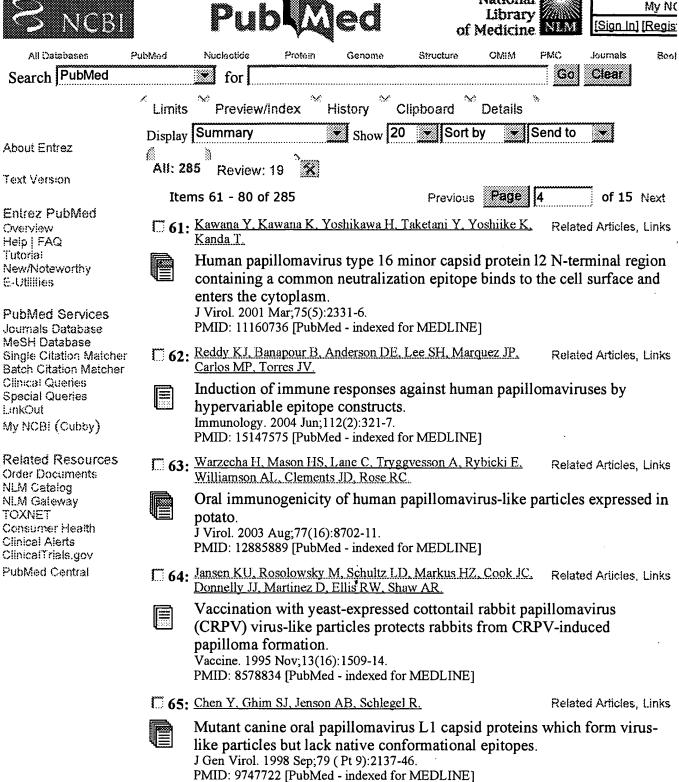
$\Box$	L20	HPV6a and HPV-16	2			
DB=USPT; PLUR=YES; OP=ADJ						
	L19	HPV6a and HPV-16	3			
	L18	HPV6a and salimi.xp.	5			
	L17	HPV 6a	ີ 13			
	DB=PC	GPB; PLUR=YES; OP=ADJ				
	L16	HPV 6a	8			
	L15	HPV 6a and HPV 16	6			
	L14	HPV 6a and salimi.xp.	0			
	DB=US	SPT; PLUR=YES; OP=ADJ				
	L13	HPV 16 and salimi.xp.	50			
	L12	HPV 6a and salimi.xp.	6			
	DB=PC	GPB; PLUR=YES; OP=ADJ				
	L11	20020051968	1			
	L10	20050079182	1			
	L9	HPV-31.clm.	14			
	L8	HPV-31.clm. and Salimi.xp.	0			
	L7	Orth Gerard.in.	2			
	DB=US	SPT; PLUR=YES; OP=ADJ				
	L6	Orth Gerard.in.	15			
$\square$	L5	HPV-31.clm. and Salimi.xp.	3			
	L4	two papillomavirus type.clm.	0			
	L3	two papillomavirus type.clm. and Salimi.xp.	0			
	L2	two types.clm. and Salimi.xp.	0			
	L1	two types of viruses.clm. and Salimi.xp.	0			

## END OF SEARCH HISTORY









66: Carter JJ, Yaegashi N, Jenison SA, Galloway DA.

Expression of human papillomavirus proteins in yeast Saccharomyces

Related Articles, Links

cerevisiae. Virology. 1991 Jun;182(2):513-21. PMID: 1850917 [PubMed - indexed for MEDLINE] Entrez PubMed Page 1 of 3



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Nucleotide

Items 1 - 20 of 123

1: Sasagawa T, Pushko P, Steers G, Gschmeissner SE, Hajibagheri Related Articles, Links MA. Finch J. Crawford L. Tommasino M. Synthesis and assembly of virus-like particles of human papillomaviruses

Structure

type 6 and type 16 in fission yeast Schizosaccharomyces pombe. Virology. 1995 Jan 10;206(1):126-35.

PMID: 7831768 [PubMed - indexed for MEDLINE]

2: Wang M, Wang LL, Chen LF, Han YH, Zou YH, Si JY, Song GX. Related Articles, Links

Expression of human papillomavirus type 6 L1 and L2 isolated in China and self assembly of virus-like particles by the products. Sheng Wu Hua Xue Yu Sheng Wu Wu Li Xue Bao (Shanghai). 2003 Jan;35(1):27-34.

PMID: 12518224 [PubMed - indexed for MEDLINE]

3. Kirnbauer R, Taub J, Greenstone H, Roden R, Durst M, Gissmann Related Articles, Links L, Lowy DR, Schiller JT.

Efficient self-assembly of human papillomavirus type 16 L1 and L1-L2 into virus-like particles.

J Virol. 1993 Dec;67(12):6929-36.

PMID: 8230414 [PubMed - indexed for MEDLINE]

1 4: Touze A, El Mehdaoui S, Sizaret PY, Mougin C, Munoz N, Related Articles, Links Coursaget P

The L1 major capsid protein of human papillomavirus type 16 variants affects yield of virus-like particles produced in an insect cell expression system.

J Clin Microbiol. 1998 Jul;36(7):2046-51.

PMID: 9650960 [PubMed - indexed for MEDLINE]

5: Hagensee ME, Yaegashi N, Galloway DA.

Related Articles, Links

Self-assembly of human papillomavirus type 1 capsids by expression of the L1 protein alone or by coexpression of the L1 and L2 capsid proteins. J Virol. 1993 Jan;67(1):315-22.

PMID: 8380079 [PubMed - indexed for MEDLINE]

6: Roden RB, Greenstone HL, Kirnbauer R, Booy FP, Jessie J, Lowy Related Articles, Links DR, Schiller JT.

In vitro generation and type-specific neutralization of a human papillomavirus type 16 virion pseudotype.

J Virol. 1996 Sep;70(9):5875-83.

PMID: 8709207 [PubMed - indexed for MEDLINE]

7: Zhou J, Sun XY, Stenzel DJ, Frazer IH. Related Articles, Links

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PMID: 12663788 [PubMed - indexed for MEDLINE]

16: El Mehdaoui S, Touze A, Laurent S, Sizaret PY, Rasschaert D, Related Articles, Links Coursaget P.



Gene transfer using recombinant rabbit hemorrhagic disease virus capsids with genetically modified DNA encapsidation capacity by addition of packaging sequences from the L1 or L2 protein of human papillomavirus type 16.

J Virol. 2000 Nov;74(22):10332-40.

PMID: 11044077 [PubMed - indexed for MEDLINE]

17: Li M, Cripe TP, Estes PA, Lyon MK, Rose RC, Garcea RL.

Related Articles, Links



Expression of the human papillomavirus type 11 L1 capsid protein in Escherichia coli: characterization of protein domains involved in DNA binding and capsid assembly.

J Virol. 1997 Apr;71(4):2988-95.

PMID: 9060658 [PubMed - indexed for MEDLINE]

18: Stauffer Y, Raj K, Masternak K, Beard P.

Related Articles, Links



Infectious human papillomavirus type 18 pseudovirions.

J Mol Biol. 1998 Oct 30;283(3):529-36.

PMID: 9784363 [PubMed - indexed for MEDLINE]

19: Vera-Bravo R, Ocampo M, Urquiza M, Garcia JE, Rodriguez LE, Related Articles, Links Puentes A, Lopez R, Curtidor H, Suarez JE, Torres E, Guzman F, Diaz D, Cortes J, Bravo MM, Combita AL, Orozco O, Patarroyo ME.



Human papillomavirus type 16 and 18 L1 protein peptide binding to VERO and HeLa cells inhibits their VLPs binding.

Int J Cancer. 2003 Nov 10;107(3):416-24.

PMID: 14506742 [PubMed - indexed for MEDLINE]

20: Volpers C, Schirmacher P, Streeck RE, Sapp M.

Related Articles, Links



Assembly of the major and the minor capsid protein of human papillomavirus type 33 into virus-like particles and tubular structures in insect cells.

Virology. 1994 May 1;200(2):504-12.

PMID: 8178438 [PubMed - indexed for MEDLINE]

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